**Batch T4**

**Practical No. 3**

**Title of Assignment: Study of Java Script**

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**Problem Statement 1: Basics of Java Script**

Write a JavaScript function that takes an array of numbers as input and returns the sum of all even numbers in the array. Additionally, create a simple HTML interface with an input field where the user can enter comma-separated numbers and a button to trigger the calculation. Display the result below the button.

**Problem Statement 2: Implement a function that validates a password based on the following criteria:**

 At least 8 characters long.

 Contains at least one uppercase letter, one lowercase letter, one digit, and one special character.

Create an HTML form with an input field for the password and a "Check Password" button. Display a message indicating whether the password is valid or not.

